

PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Iwadata et al.

Confirmation No.: 4667

Serial No.: 10/585,884

Art Unit: Not Yet Assigned

Filed: July 12, 2006

Examiner: Not Yet Assigned

Customer No.: 21559

Title: GENE THERAPY FOR TUMORS USING MINUS-STRAND RNA
VIRAL VECTORS ENCODING IMMUNOSTIMULATORY
CYTOKINES

Mail Stop PCT
Commissioner for Patents
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INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the enclosed Form PTO-1449, copies of which are enclosed, with the exception of U.S. patents and U.S. patent application publications. A copy of a search report from a corresponding international application and is also enclosed.

Applicants note that JP 2000-253876, WO 97/16539 A1, WO 00/01837 A1, WO 00/70055 A1, WO 00/70070A1, WO 02/31138 A1, WO 03/025570 A1, WO 03/029475 A1, WO 03/102183 A1, WO 04/022731 A1, and WO 04/038029 A1 are written in the

Japanese language, except for the English language abstract. English language translations of these publications are enclosed.

JP 58-157723 A, JP 7-503455 A, and Hasegawa ("Shinki Idenshi Chiryoyo Vector No Kaihatsu," The Cell (Saibou) 33(6): 227-231 (2001)), are written in the Japanese language. In accordance with 37 C.F.R. § 1.98(a)(3), enclosed is an English language search report listing JP 58-157723 A, JP 7-503455 A, and Hasegawa ("Shinki Idenshi Chiryoyo Vector No Kaihatsu," The Cell (Saibou) 33(6): 227-231 (2001)).

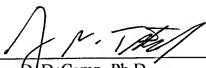
Submission of this statement is not a representation that a search has been made, nor is the inclusion of information in this statement an admission that the information is material to patentability.

This statement is being filed before the receipt of a first Office action on the merits.

If there are any charges or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Date: 27 March 2007


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SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 C.F.R. § 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50026/059001
		Serial No.	10/585,884
		Applicant	Iwadata et al.
		Filing Date	July 12, 2006
		Group	Not yet assigned
		IDS Filed	March 27, 2007

U.S. PATENT DOCUMENTS				
Examiner's Initials	Document Number	Publication Date	Patentee or Applicant	Filing Date (If Appropriate)
/M.W./	10/678,085		Okano et al.	May 3, 2006
↓	2002/0012995 A1	Jan. 31, 2002	Fukumura et al.	
	2002/0169306 A1	Nov. 14, 2002	Kitazato et al.	
	2003/0022376 A1	Jan. 30, 2003	Kitazato et al.	
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/M.W./	6,723,532 B2	Apr. 20, 2004	Nagai et al.	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION				
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Translation (Yes/No)
/M.W./	EP 0 864 645 A1	Sep. 16, 1998	EPO	
↓	JP 58-157723 A	Sep. 19, 1983	Japan	No
	JP 7-503455 A	Apr. 13, 1995	Japan	No
	JP 2000-253876	Sep. 19, 2000	Japan	Yes
	WO 97/16539 A1	May 9, 1997	WIPO	Yes
/M.W./	WO 00/01837 A1	Jan. 13, 2000	WIPO	Yes

EXAMINER	/Michael Wilson/ (02/25/2008)	DATE CONSIDERED	02/25/2008
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.			

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No. Serial No. Applicant Filing Date Group IDS Filed	50026/059001 10/585,884 Iwade et al. July 12, 2006 Not yet assigned March 27, 2007
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			
(37 C.F.R. § 1.98(b))			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION				
/M.W./	WO 00/70055 A1	Nov. 23, 2000	WIPO	Yes
	WO 00/70070 A1	Nov. 23, 2000	WIPO	Yes
	WO 02/31138 A1	Apr. 18, 2002	WIPO	Yes
	WO 02/38726 A2	May 16, 2002	WIPO	
	WO 03/025570 A1	Mar. 27, 2003	WIPO	Yes
	WO 03/029475 A1	Apr. 10, 2003	WIPO	Yes
	WO 03/102183 A1	Dec. 11, 2003	WIPO	Yes
	WO 04/022731 A1	Mar. 18, 2004	WIPO	Yes
/M.W./	WO 04/038029 A1	May 6, 2004	WIPO	Yes

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)	
/M.W./	Bitzer et al., "Sendai Virus Vectors as an Emerging Negative-Strand RNA Viral Vector System," <i>J. Gen. Med.</i> 5(7): 543-553 (2003).
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	Hasegawa, "Shinki Idenshi Chiryoyo Vector No Kaihatsu," <i>The Cell (Saibou)</i> 33(6): 227-231 (2001).
	Herrlinger et al., "Vaccination for Experimental Gliomas using GM-CSF-Transduced Glioma Cells," <i>Cancer Gene Ther.</i> 4(6): 345-352 (1997).
	Inoue et al., "Matrix and Fusion Genes-Deficient Sendai Virus Vector: Efficient Gene Transfer with Preferable Properties," <i>Mol. Ther.</i> 5(5): S174-S175, Abstract #530 (2002).
/M.W./	Inoue et al., "Recombinant Sendai Virus Vectors Deleted in both the Matrix and the Fusion Genes: Efficient Gene Transfer with Preferable Properties," <i>J. Gene Med.</i> 6(10): 1069-1081 (2004).

EXAMINER /Michael Wilson/ (02/25/2008)	DATE CONSIDERED 02/25/2008
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